

Appl. No. 09/927,424
Amdt. dated August 8, 2003
Reply to Office Action of March 14, 2003

PATENT

Amendments to the Drawings:

The attached sheet of drawings includes changes to Fig. 24. This sheet, which includes only Fig. 24, replaces the original sheet including only Fig. 24. Figure number which was previously omitted, has been added.

Attachment: Replacement Sheet



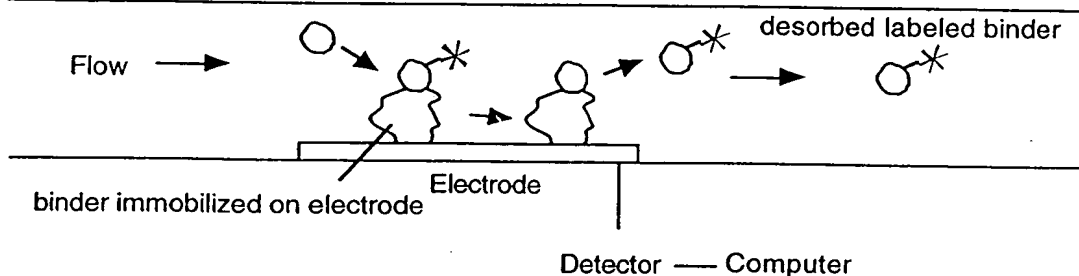
RECEIVED
AUG 14 2003
TECH CENTER 1600/2900

**APPENDIX
REPLACEMENT DRAWING SHEET**

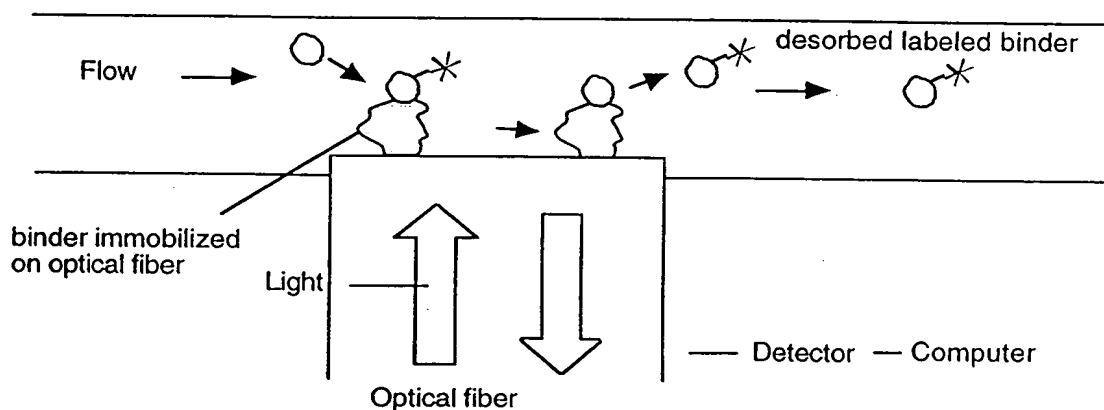
RECEIVED
AUG 14 2003
TECH CENTER 1600/2900

Biosensors

Using biosensor technology the biospecifically eluted substance may be detected by a change in signal at the transducers surface resulting from the displacement. The following examples illustrate this embodiment of the invention. Any of the biosensor technologies may be employed in these embodiments of the invention. Suitable biosensors include but are not limited to surface plasmon biosensors, optical fibers, electrochemical biosensors, and piezoelectric biosensors.



In this embodiment of the invention, the decrease in signal at the electrode surface is proportional to the eluted labeled molecule.



In this embodiment of the current invention, the decrease in signal at the surface of an optical fiber or optical waveguide bearing the substance having a reversibly bound labeled molecule is proportional to the eluted labeled molecule.

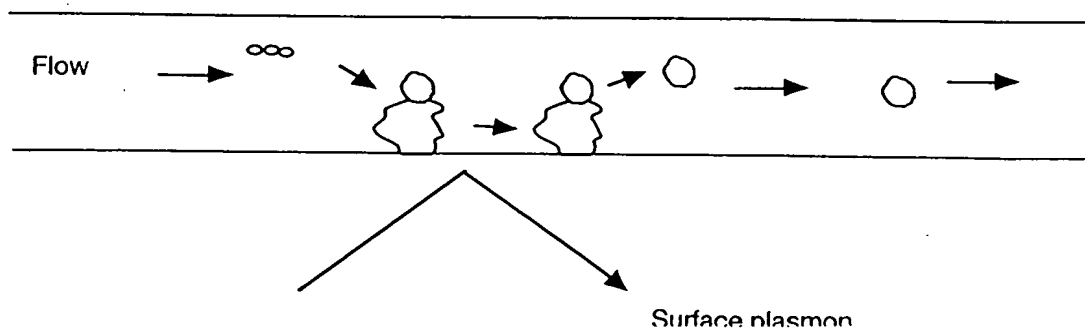


FIG. 24